

4. The system for providing tactile feedback for an input device in an electronic device as claimed in claim 1, wherein said user action is a scan of a finger across said touchpad and over said nodule, where said user action generates said first, second and third input signals within a preset time range.

5. The system for providing tactile feedback for an input device in an electronic device as claimed in claim 4, wherein said first, second and third input signals are evaluated for their location, time and order to determine whether said first, second and third input signals match an input signal pattern.

6. The system for providing tactile feedback for an input device in an electronic device as claimed in claim 1, wherein said physical feature is a nodule located on said surface.

7. The system for providing tactile feedback to a user of an electronic device as claimed in claim 6, wherein said second signal is affected by an air gap existing between said first input region and said second input region when said user action comprises said user touching simultaneously said surface and said second input region.

8. The system for providing tactile feedback to a user of an electronic device as claimed in claim 7, wherein said second signal varies on a size of the air gap, an area of said first input region contacted during the user action and an area of said second input region contacted by during the user action.

9. The system for providing tactile feedback to a user of an electronic device as claimed in claim 7, wherein said second signal is reduced in magnitude as said air gap increases in size.

10. The system for providing tactile feedback to a user of an electronic device as claimed in claim 7, wherein said second signal is increased in magnitude as said air gap increases in size.

11. The system for providing tactile feedback for an input device in an electronic device as claimed in claim 1, wherein said surface has a well around said first input region and said physical feature is a nodule located in said well.

12. The system for providing tactile feedback to a user of an electronic device as claimed in claim 11, wherein said second

signal is affected by an air gap existing between said first input region and said second input region when said user action comprises said user touching simultaneously said surface and said second input region.

13. The system for providing tactile feedback to a user of an electronic device as claimed in claim 12, wherein said second signal varies on a size of the air gap, an area of first input region contacted during the user action and an area of the second input region contacted by during the user action.

14. The system for providing tactile feedback to a user of an electronic device as claimed in claim 13, wherein said second signal is reduced in magnitude as said air gap increases in size.

15. The system for providing tactile feedback to a user of an electronic device as claimed in claim 13, wherein said second signal is increased in magnitude as said air gap increases in size.

16. A method of providing tactile feedback to a user of an electronic device having an input device having a first input region for receiving a user action from said user, a surface associated with said input device and covering at least a part of said first input region, an input signal generator associated with said input device, and a physical feature associated with said input region, said physical feature being located on said surface, providing a second input region for receiving said user action and providing a tactile feedback to said user when said user contacts said second region, the method comprising:

generating by said input signal generator a first input signal when said user action comprises said user touching said first input region while not touching said second input region; and

generating by said input signal generator a second input signal when said user action comprises said user touching simultaneously said first input region and said second input region.

* * * * *